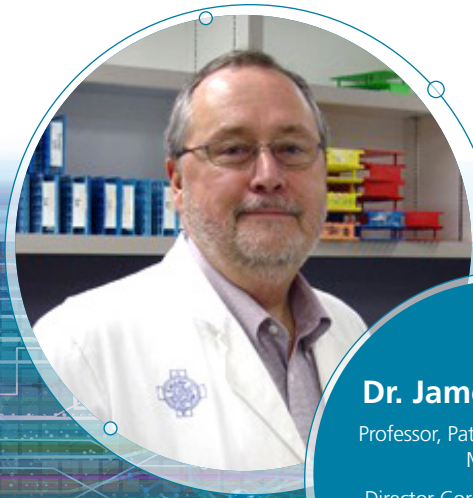




Answers for Science.
Knowledge for Life.™



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Case Study

The Challenges

- Need a robust multiplex alternative to immunoassay and the chemistry analyzer
- Fast and efficient transition for non-mass spec users

The Requirements

- Easy to program
- Simple and fast sample extraction
- High throughput
- High specificity and sensitivity
- Rugged Method
- Open channel

The Solution

Adopting a robust technology that offers the automation, specificity and sensitivity of a chemistry analyzer but can be easily adopted and operated by a med tech with no mass spec expertise.

The Capabilities

- Total 25-hydroxyvitamin D for primary care physicians
- Open channel for method development

The Outcomes

- The multiplex nature of the mass spec makes it very economical for the lab.
- It has the power to manage complicated workflows, with enhanced sensitivity and specificity for more reliable results.
- Intuitive software is the most user-friendly, compared to other mass specs on the market.
- Users can master the system's advanced functionality, after just two days of training.
- It is both more straightforward and more rewarding for people to do their job.

"I can't say enough about how well the SCIEX Topaz™ System meets the needs of the clinical lab. It is incredibly easy to implement, the 'point and click' interface makes it easy to set up a run, and the LC-MS delivers incredibly reliable and robust results - this mass spec has made complex clinical analysis easier than ever before"

Type of Organization

Educational Institution, Pathology & Laboratory
Medicine

Goals

A key focus is simplicity, high specificity and sensitivity as well as user friendly.

SCIEX products

- Topaz System
- The FDA-Cleared (via the *de novo* pathway) LC-MS based Vitamin D 200M Assay kit
- ClearCore™ MD software

"The SCIEX mass spec (Topaz System) is one of the biggest breakthroughs for the clinical laboratory"

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